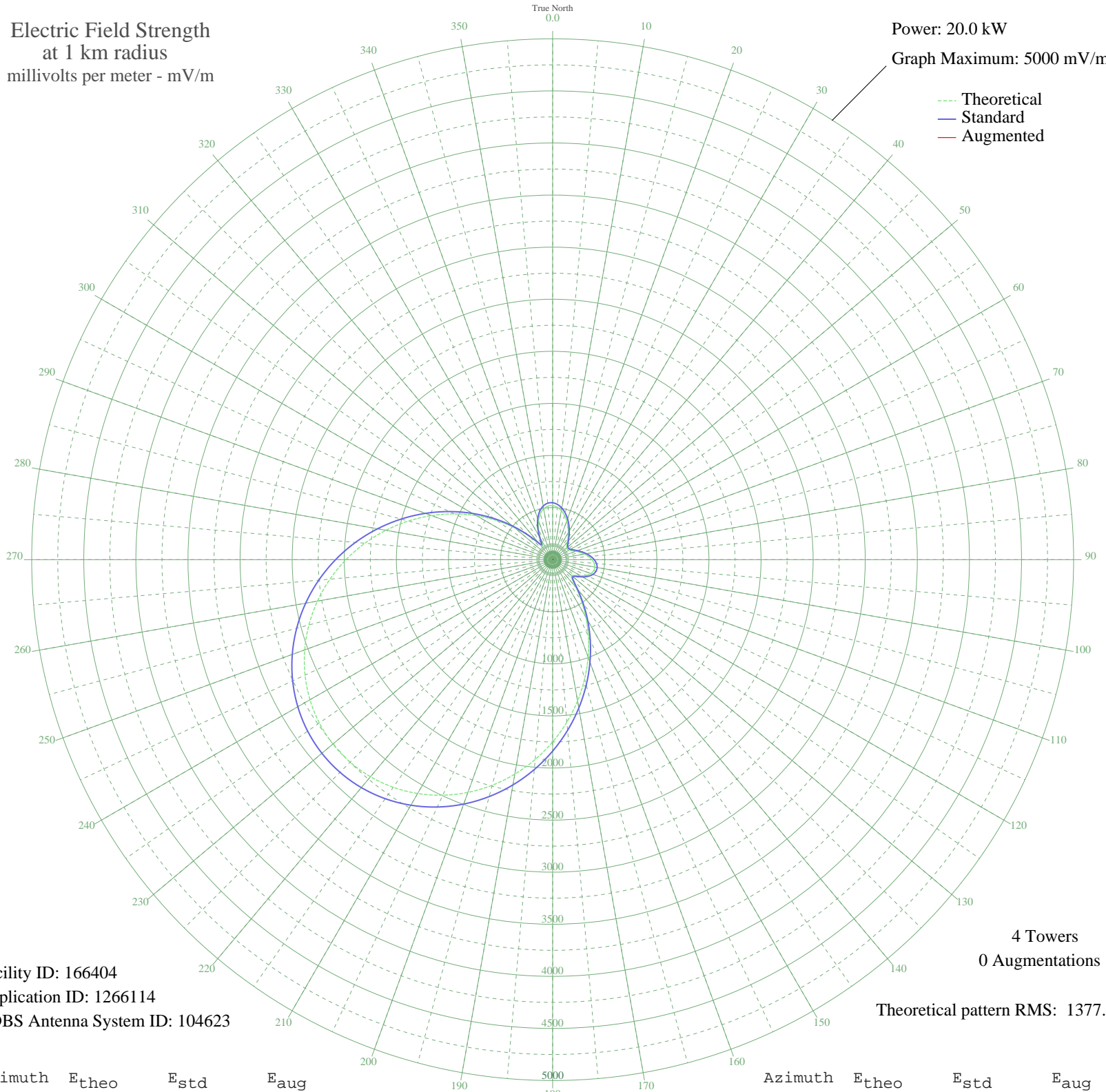


# XECAQ PUERTO MORELOS, QR Mexico -- 740 kHz

Daytime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 166404  
Application ID: 1266114  
CDBS Antenna System ID: 104623

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1377.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	518.54	546.48	
5	504.73	532.04	
10	477.44	503.51	
15	439.88	464.25	
20	395.49	417.91	
25	347.83	368.23	
30	300.39	318.88	
35	256.43	273.32	
40	219.02	234.71	
45	190.97	205.95	
50	174.86	189.51	
55	172.34	186.95	
60	183.31	198.12	
65	205.75	221.08	
70	236.63	252.86	
75	272.62	290.08	
80	310.36	329.24	
85	346.40	366.73	
90	377.28	398.92	
95	399.71	422.32	
100	410.71	433.80	
105	407.90	430.86	
110	389.85	412.03	
115	356.72	377.49	
120	311.58	330.51	
125	263.91	281.05	
130	236.66	252.89	
135	263.29	280.42	
140	351.69	372.25	
145	482.48	508.78	
150	639.18	672.78	
155	812.34	854.25	
160	995.89	1046.73	
165	1185.17	1245.32	
170	1376.23	1445.80	
175	1565.48	1644.42	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1749.63	1837.71	
185	1925.62	2022.45	
190	2090.64	2195.67	
195	2242.05	2354.62	
200	2377.47	2496.79	
205	2494.73	2619.89	
210	2591.93	2721.93	
215	2667.47	2801.24	
220	2720.08	2856.48	
225	2748.87	2886.70	
230	2753.33	2891.38	
235	2733.38	2870.43	
240	2689.33	2824.19	
245	2621.92	2753.42	
250	2532.25	2659.28	
255	2421.75	2543.27	
260	2292.12	2407.18	
265	2145.34	2253.09	
270	1983.57	2083.28	
275	1809.20	1900.24	
280	1624.77	1706.65	
285	1432.99	1505.37	
290	1236.79	1299.48	
295	1039.30	1092.27	
300	843.93	887.37	
305	654.57	688.90	
310	476.07	502.07	
315	316.41	335.53	
320	195.89	210.98	
325	167.56	182.10	
330	232.97	249.08	
335	319.07	338.30	
340	395.86	418.30	
345	455.41	480.48	
350	495.51	522.40	
355	516.16	543.99	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission